

ANNEX 1 - TRANSMITTER SPURIOUS/HARMONIC EMISSIONS

MOBILE VHF MARINE TRANSCEIVER, Model IC-M602

Plot # 19

FCC ID: AFJIC-M602



ICOM AMERICA.

25W MARINE MOBILE TRANSCEIVER MODEL IC-M602.

CH: 01A, FREQUENCY 156.050 MHz, OUTPUT POWER 30.1 dBm.

MOD: FM, 2.5KHz SINE WAVE, FREQUENCY DEV: 4.12 KHz

Tx CONDUCTED EMISSION.

Date: Oct 17 2022

Tested By: Wayne

Plot #19

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

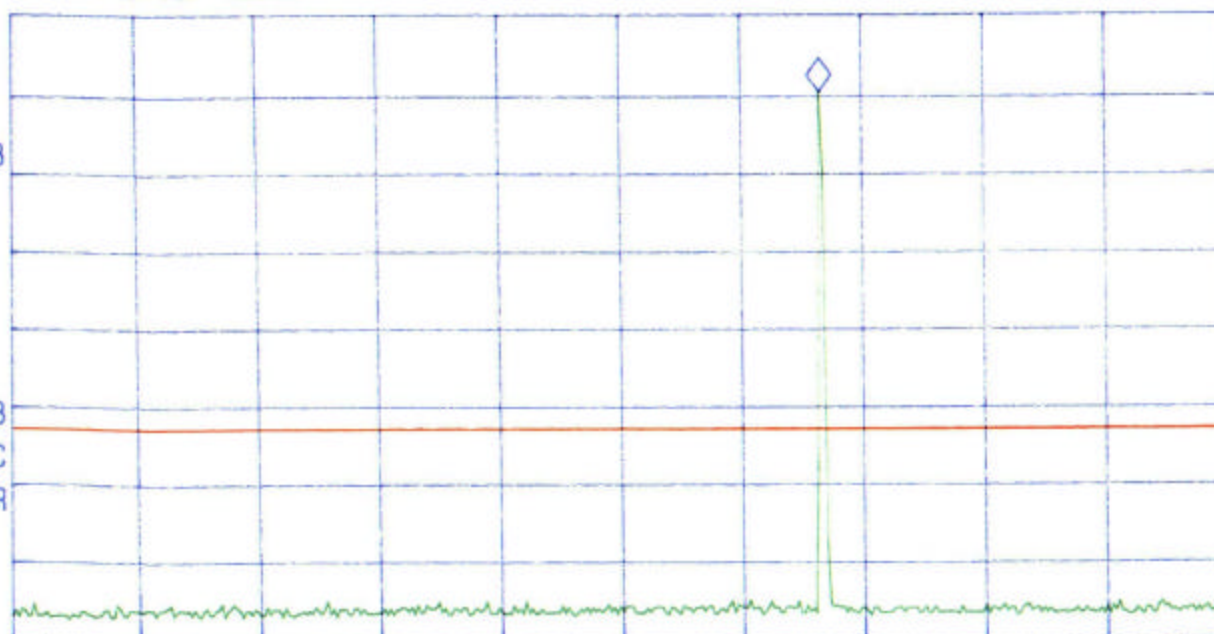
MKR 156.3 MHz

30.05 dBm

REF OFFST 32.3 dB
LOG REF 40.0 dBm

10
dB/
ATN
20 dB

VA SB
SC FC
CORR



START 10.0 MHz

#IF BW 100 kHz

AVG BW 30 kHz

STOP 230.0 MHz

SWP 220 msec

ANNEX 1 - TRANSMITTER SPURIOUS/HARMONIC EMISSIONS

MOBILE VHF MARINE TRANSCEIVER, Model IC-M602

Plot # 20

FCC ID: AFJIC-M602



ICOM AMERICA.

25W MARINE MOBILE TRANSCEIVER MODEL IC-M602.

CH: 01A FREQUENCY 162.030 MHz OUTPUT POWER 30.1 dBm.

MOD: FM, 2.5KHz SINE WAVE, FREQUENCY DEV: 4.1 KHz

Tx CONDUCTED EMISSION.

Date: Oct 17 2002
Tested By: Wing

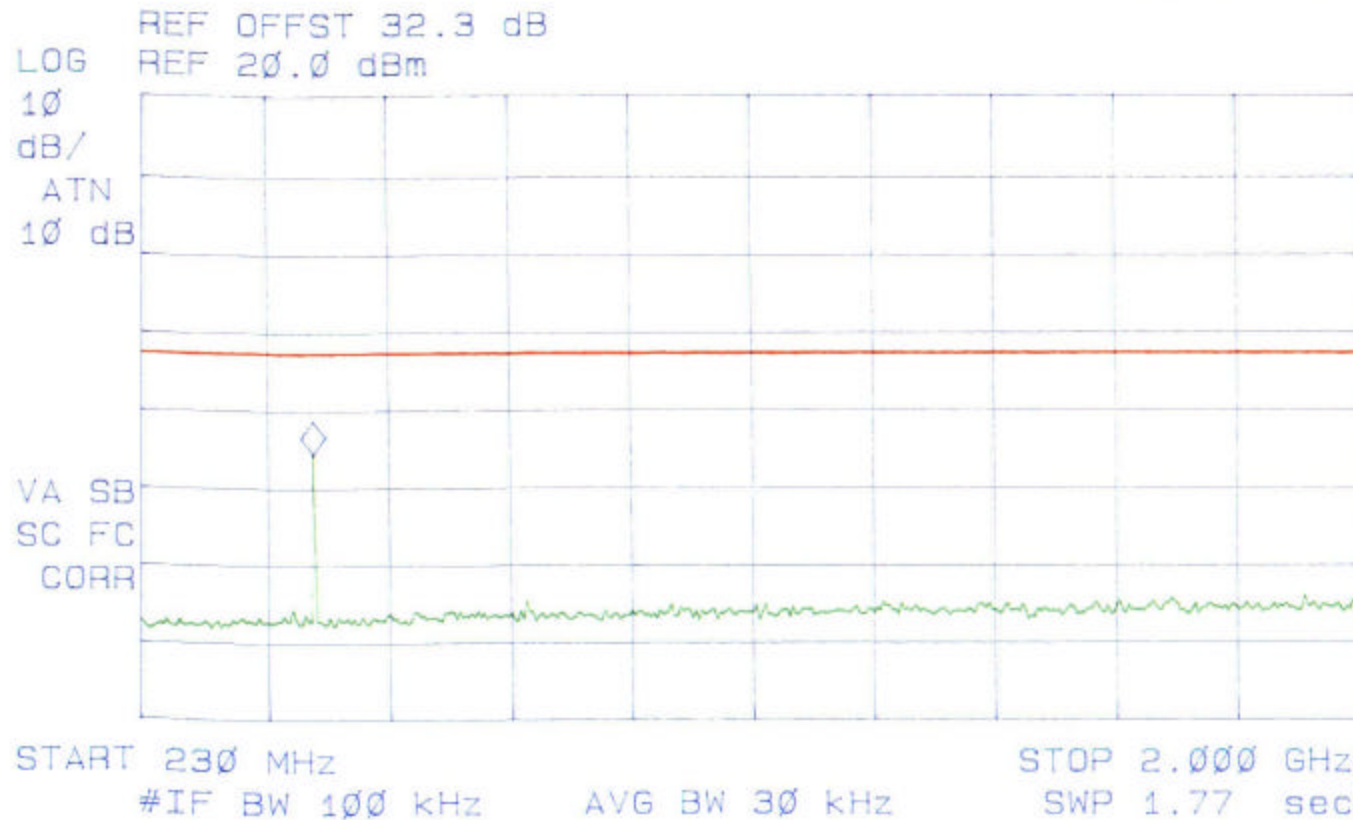
Plot # 20

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 473 MHz

-25.94 dBm



ANNEX 1 - TRANSMITTER SPURIOUS/HARMONIC EMISSIONS

MOBILE VHF MARINE TRANSCEIVER, Model IC-M602

Plot # 21

FCC ID: AFJIC-M602



ICOM AMERICA.

25W MARINE MOBILE TRANSCEIVER MODEL IC-M602.

CH: 88A FREQUENCY 157.425 MHz. OUTPUT POWER 30.1 dBm.

MOD: FM, 2.5kHz SINE WAVE, FREQUENCY DEV: 4.2 kHz

Tx CONDUCTED EMISSION.

Date: Oct 17, 2002

Tested By: W. J. J.

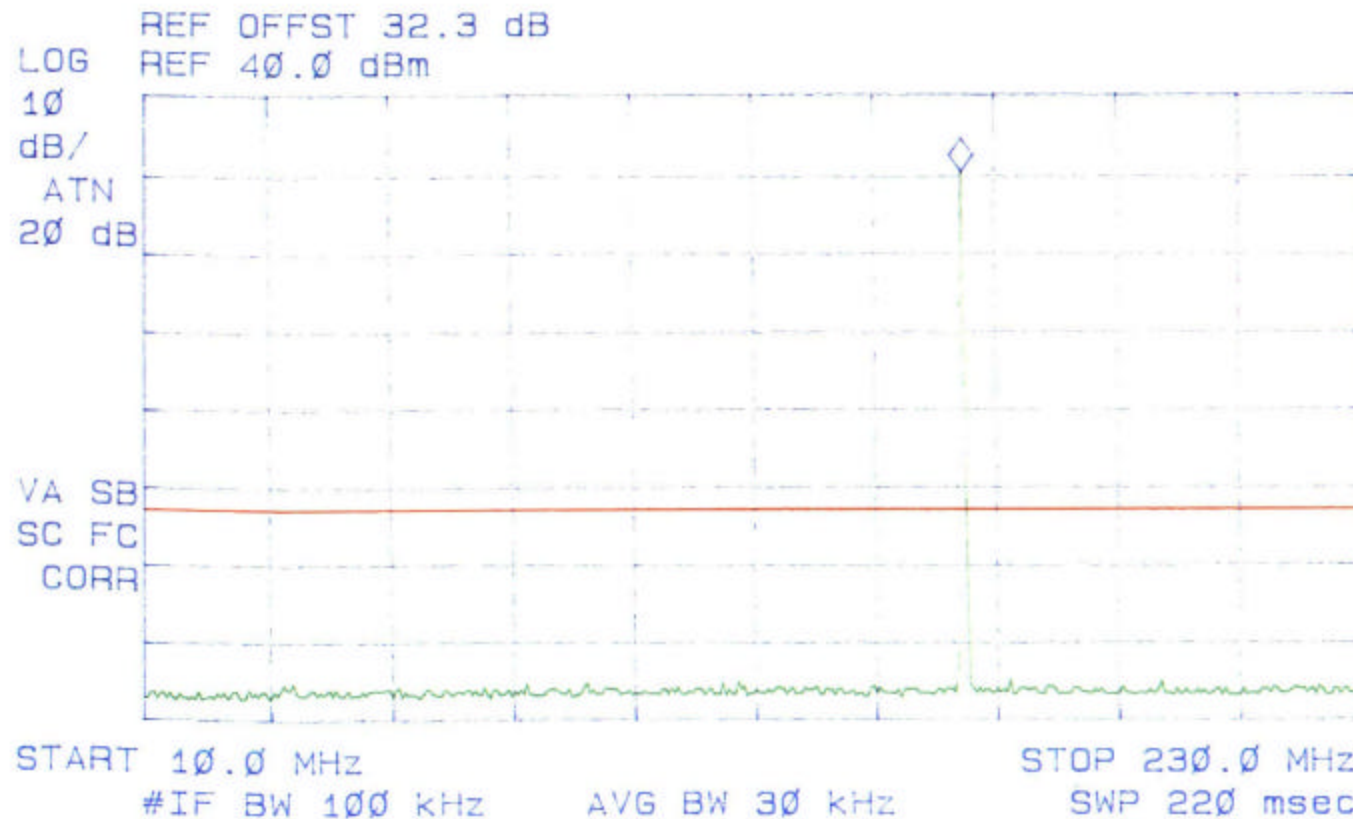
Plot # 21

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 158.0 MHz

30.07 dBm



ANNEX 1 - TRANSMITTER SPURIOUS/HARMONIC EMISSIONS

MOBILE VHF MARINE TRANSCEIVER, Model IC-M602

Plot # 22

FCC ID: AFJIC-M602



ICOM AMERICA.

25W MARINE MOBILE TRANSCEIVER MODEL IC-M602.

CH: 88A FREQUENCY 157.425 MHz. OUTPUT POWER 30.1 dBm.

MOD: FM, 2.5KHz SINE WAVE, FREQUENCY DEV: 4.12 KHz

Tx CONDUCTED EMISSION.

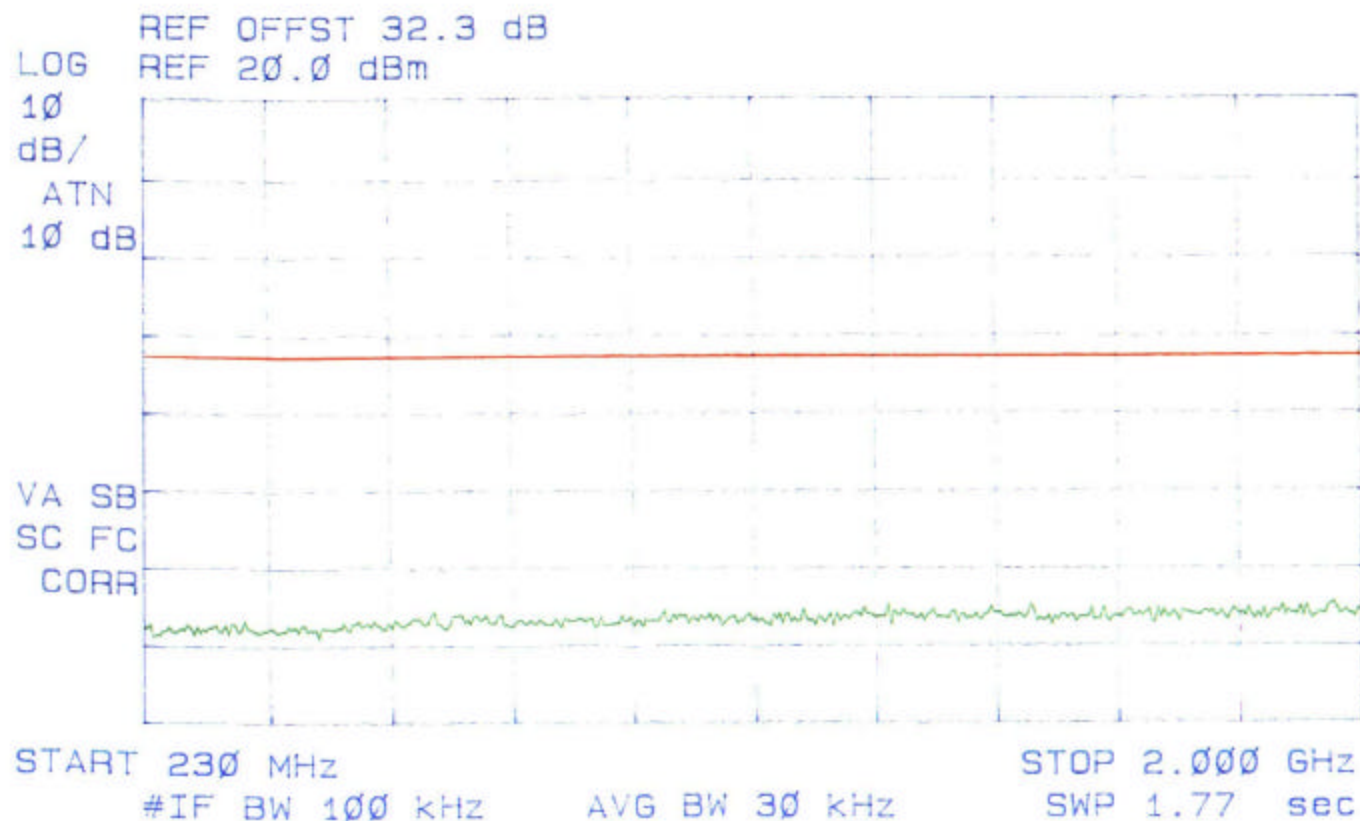
Date: Oct 17 2022

Tested By: Wayne

Plot #22

ACTV DET: PEAK

MEAS DET: PEAK QP AVG



ANNEX 1 - TRANSMITTER SPURIOUS/HARMONIC EMISSIONS

MOBILE VHF MARINE TRANSCEIVER, Model IC-M602

Plot # 23

FCC ID: AFJIC-M602



ICOM AMERICA.
25W MARINE MOBILE TRANSCEIVER MODEL IC-M602.
CH: D1A FREQUENCY 156.650 MHz. OUTPUT POWER 44.0 dBm.
MOD: FM, 2.5KHz SINE WAVE, FREQUENCY DEV: 4.12 KHz
Tx CONDUCTED EMISSION.

Date: Oct 17 2022

Tested By: Wayne

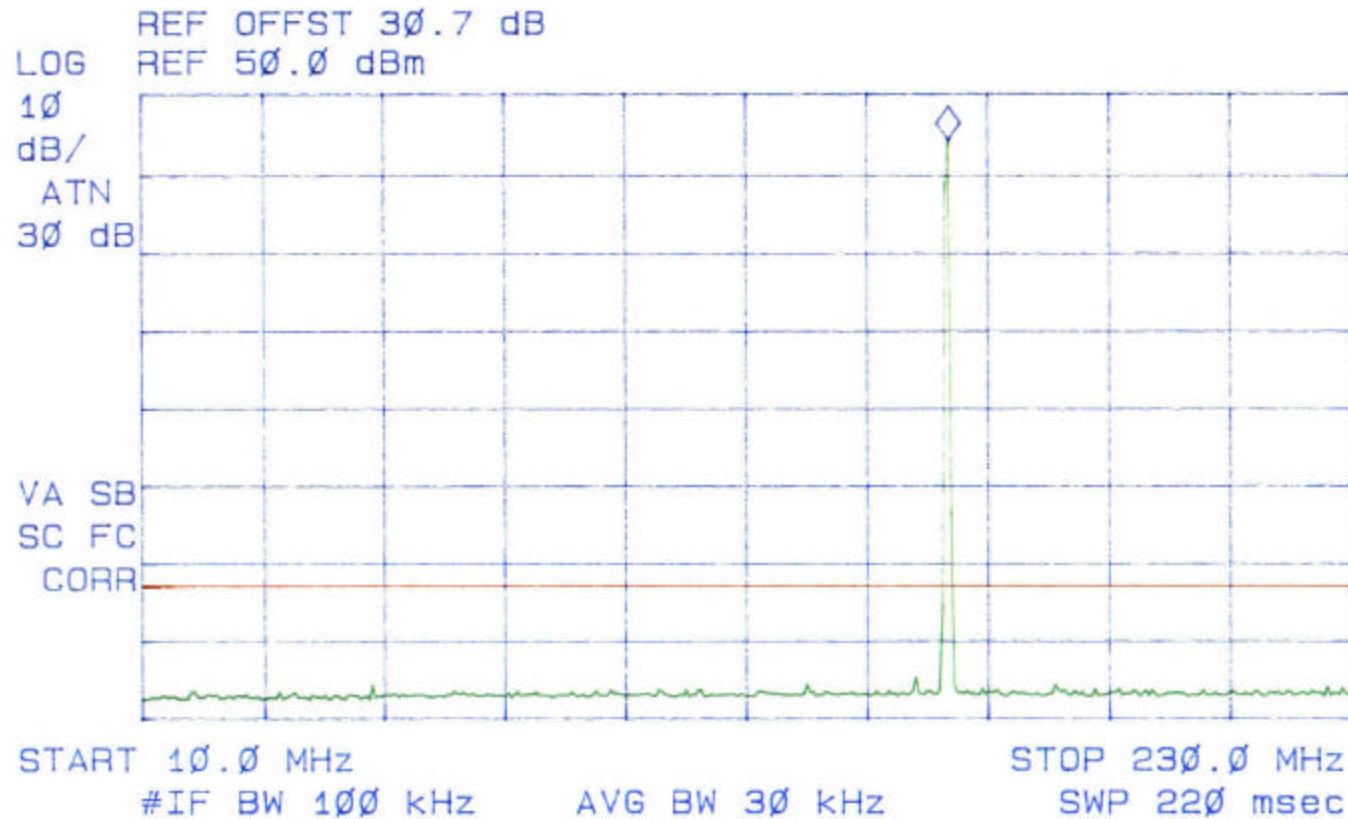
Plot # 23

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 156.9 MHz

44.04 dBm



ANNEX 1 - TRANSMITTER SPURIOUS/HARMONIC EMISSIONS

MOBILE VHF MARINE TRANSCEIVER, Model IC-M602

Plot # 24

FCC ID: AFJIC-M602



ICOM AMERICA.

25W MARINE MOBILE TRANSCEIVER MODEL IC-M602.

CH: 61A, FREQUENCY 156.050 MHz, OUTPUT POWER 44.0 dBm.

MOD: FM, 2.5KHz SINE WAVE, FREQUENCY DEV: 4.12 KHz

Tx CONDUCTED EMISSION.

Date: Oct 17 2002

Tested By: Wayne

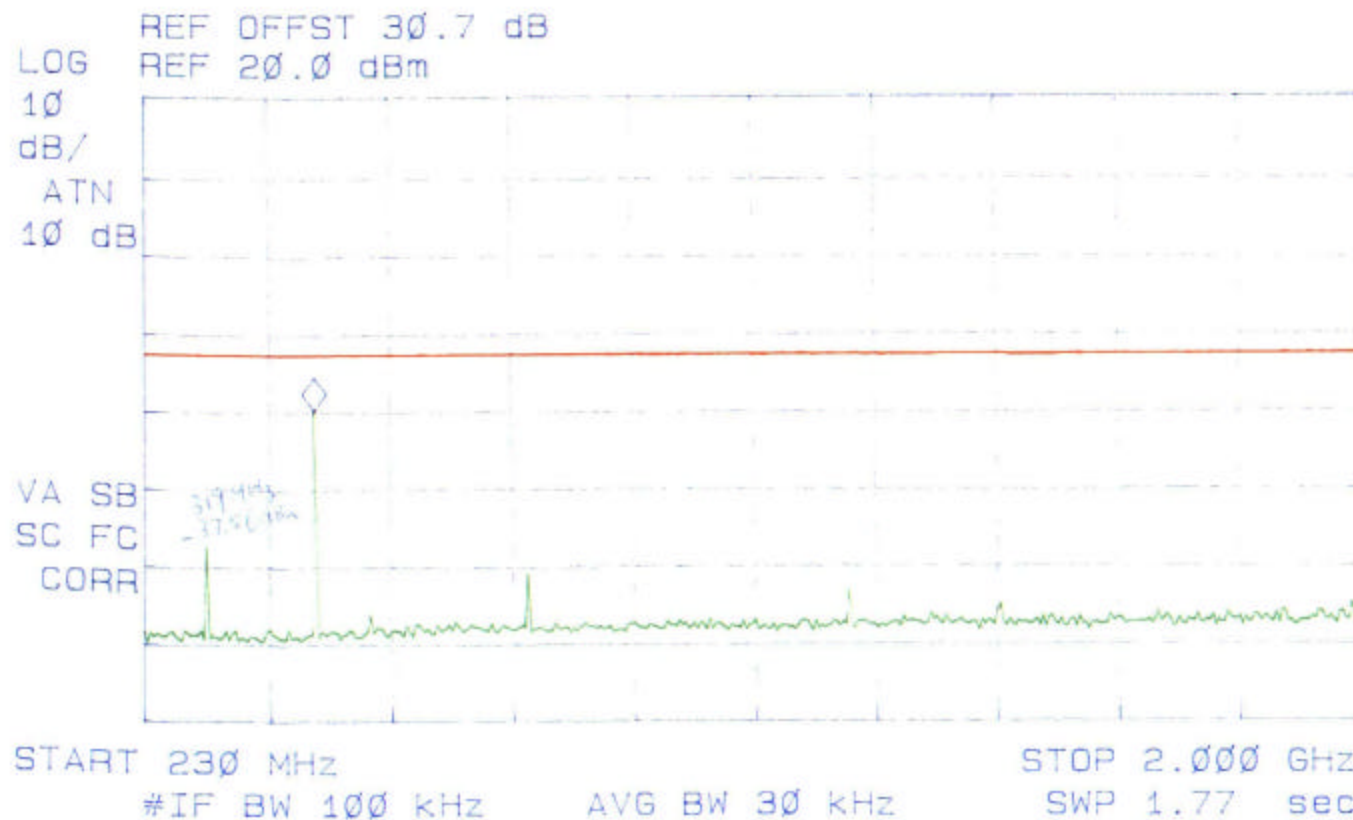
Plot # 24

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 473 MHz

-20.10 dBm



ANNEX 1 - TRANSMITTER SPURIOUS/HARMONIC EMISSIONS

MOBILE VHF MARINE TRANSCEIVER, Model IC-M602

Plot # 25

FCC ID: AFJIC-M602



ICOM AMERICA.

25W MARINE MOBILE TRANSCEIVER MODEL IC-M602.

CH: 37A, FREQUENCY 157.425 MHz, OUTPUT POWER 44.0 dBm.

MOD: FM, 2.5kHz SINE WAVE, FREQUENCY DEV: 4.2 kHz

Tx CONDUCTED EMISSION.

Date: Oct 17 2002

Tested By: Wayne

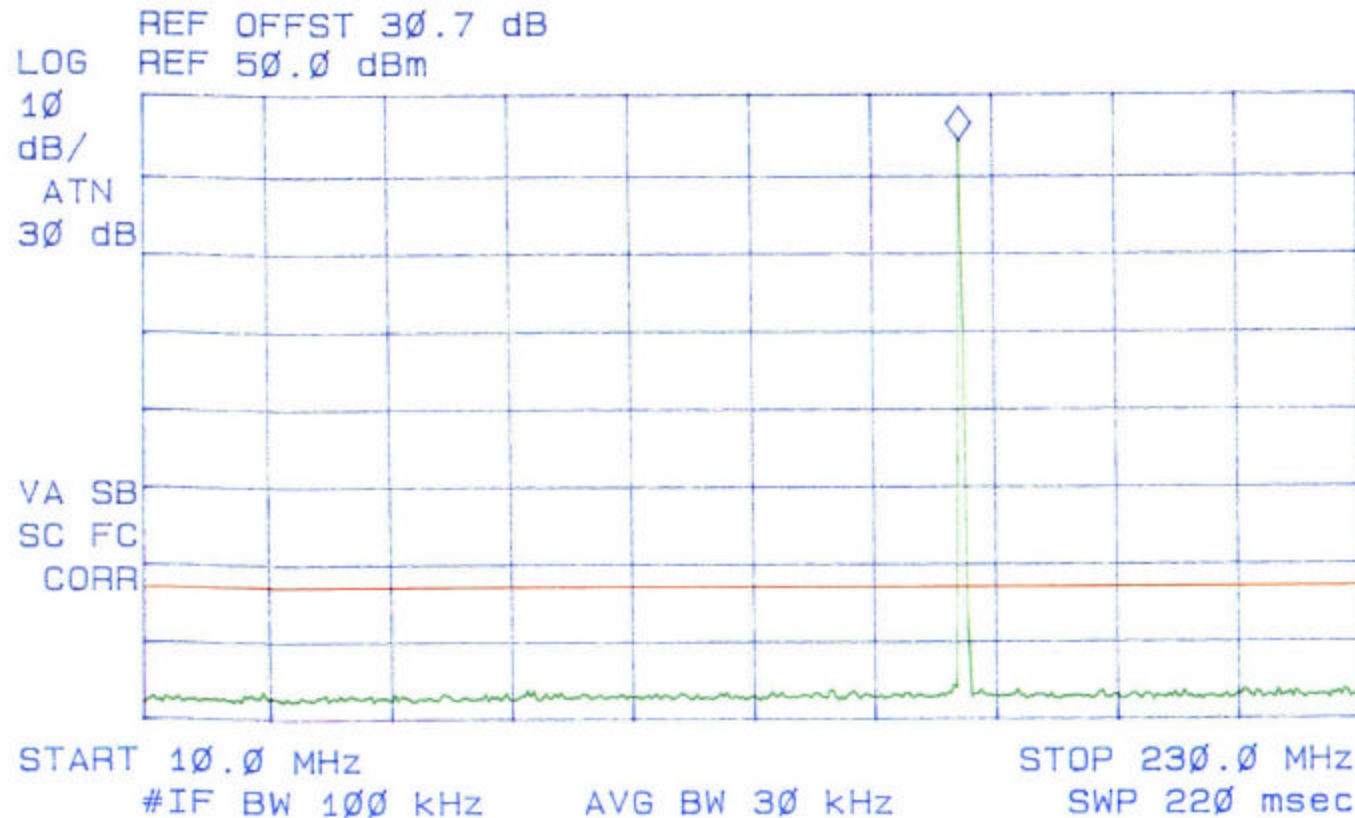
Plot # 25

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 158.0 MHz

44.08 dBm



ANNEX 1 - TRANSMITTER SPURIOUS/HARMONIC EMISSIONS

MOBILE VHF MARINE TRANSCEIVER, Model IC-M602

Plot # 26

FCC ID: AFJIC-M602



ICOM AMERICA.

25W MARINE MOBILE TRANSCEIVER MODEL IC-M602.

CH: 38A, FREQUENCY 157.425 MHz, OUTPUT POWER 44.0 dBm,

MOD: FM, 2.5KHz SINE WAVE, FREQUENCY DEV: 4.12 KHz

Tx CONDUCTED EMISSION.

Date: Oct 17 2002

Tested By: W. J. J. J.

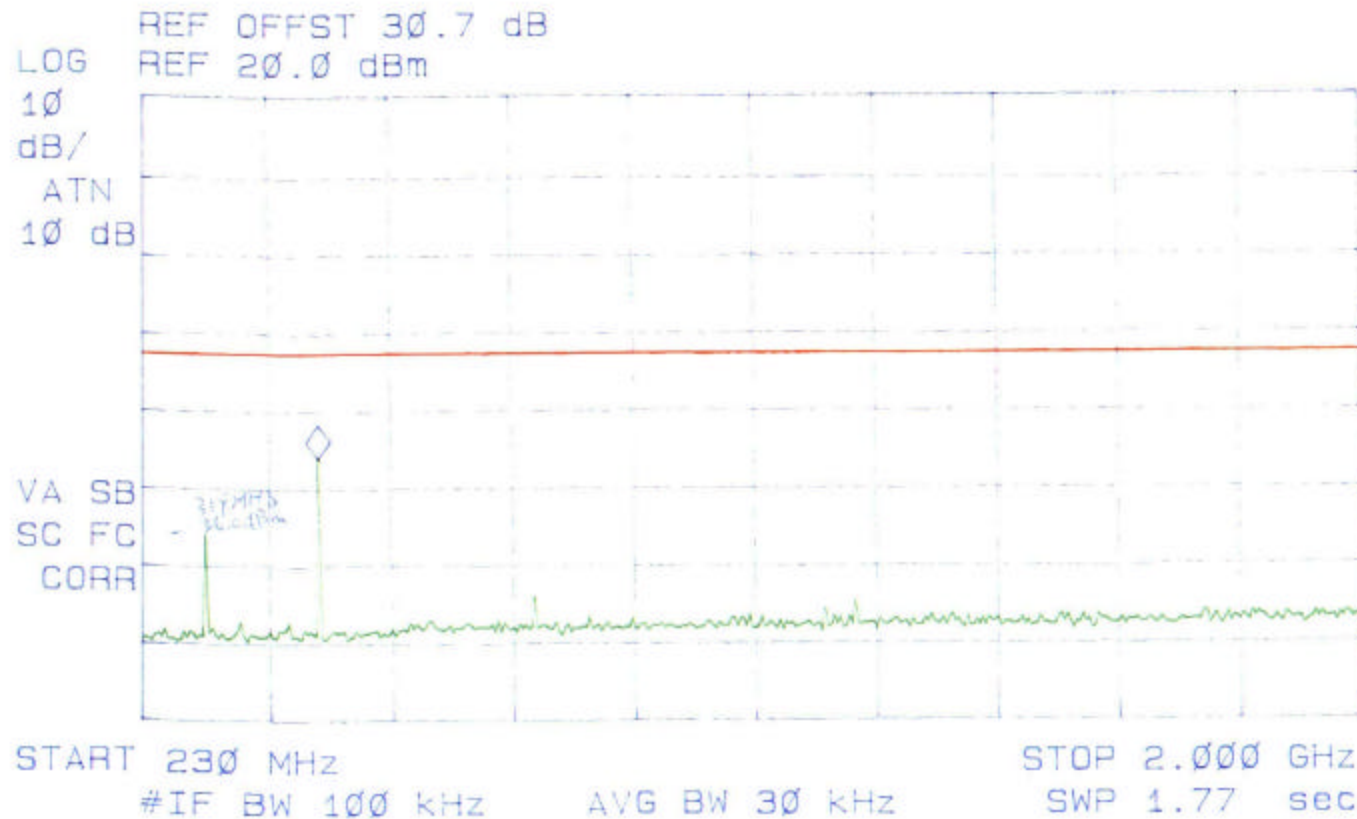
Plot # 26

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 478 MHz

-26.39 dBm



ANNEX 1 - TRANSMITTER SPURIOUS/HARMONIC EMISSIONS

MOBILE VHF MARINE TRANSCEIVER, Model IC-M602

Plot # 27

FCC ID: AFJIC-M602



ICOM AMERICA.
25W MARINE MOBILE TRANSCEIVER MODEL IC-M602.
CH: 21A FREQUENCY 156.050 MHz.
Rx CONDUCTED EMISSION.

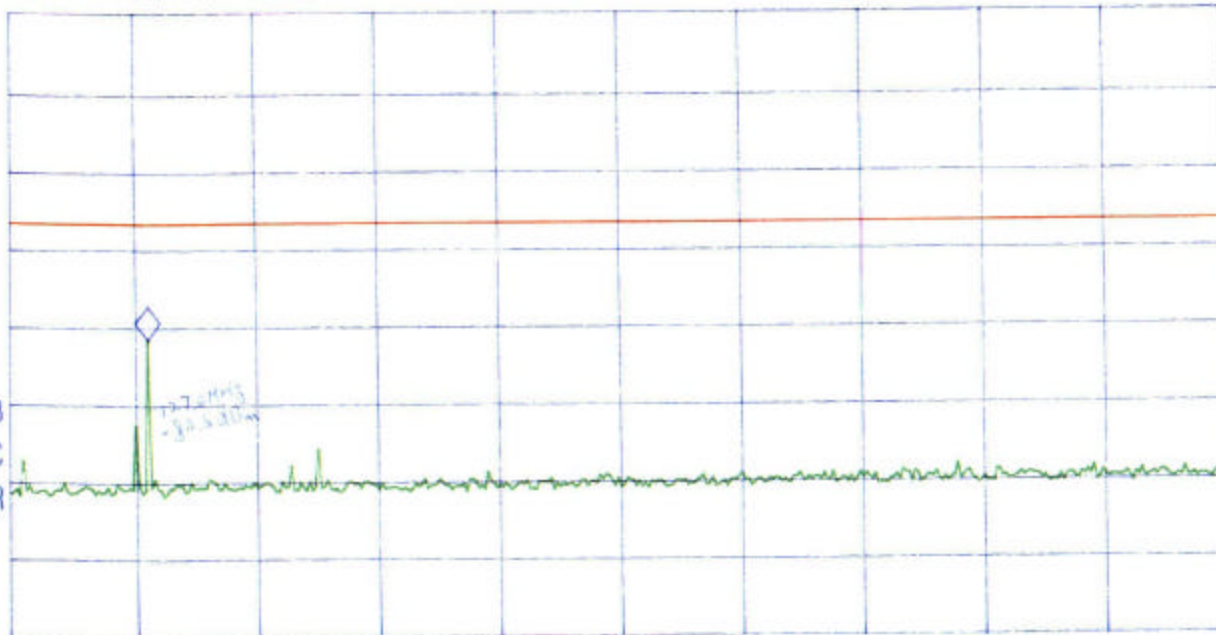
Date: Oct 18 2003
Tested By: ALC/SPK
Plot 27

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 136.7 MHz
-71.81 dBm

LOG REF -30.0 dBm

10
dB/
#ATN
0 dB

VA SB
SC FC
CORR



START 30.0 MHz

#IF BW 100 kHz

AVG BW 30 kHz

STOP 1.0000 GHz

SWP 970 msec

ANNEX 1 - TRANSMITTER SPURIOUS/HARMONIC EMISSIONS

MOBILE VHF MARINE TRANSCEIVER, Model IC-M602

Plot # 28

FCC ID: AFJIC-M602



ICOM AMERICA.
25W MARINE MOBILE TRANSCEIVER MODEL IC-M602.
CH: 38A, FREQUENCY 157.45 MHz.
Rx CONDUCTED EMISSION.

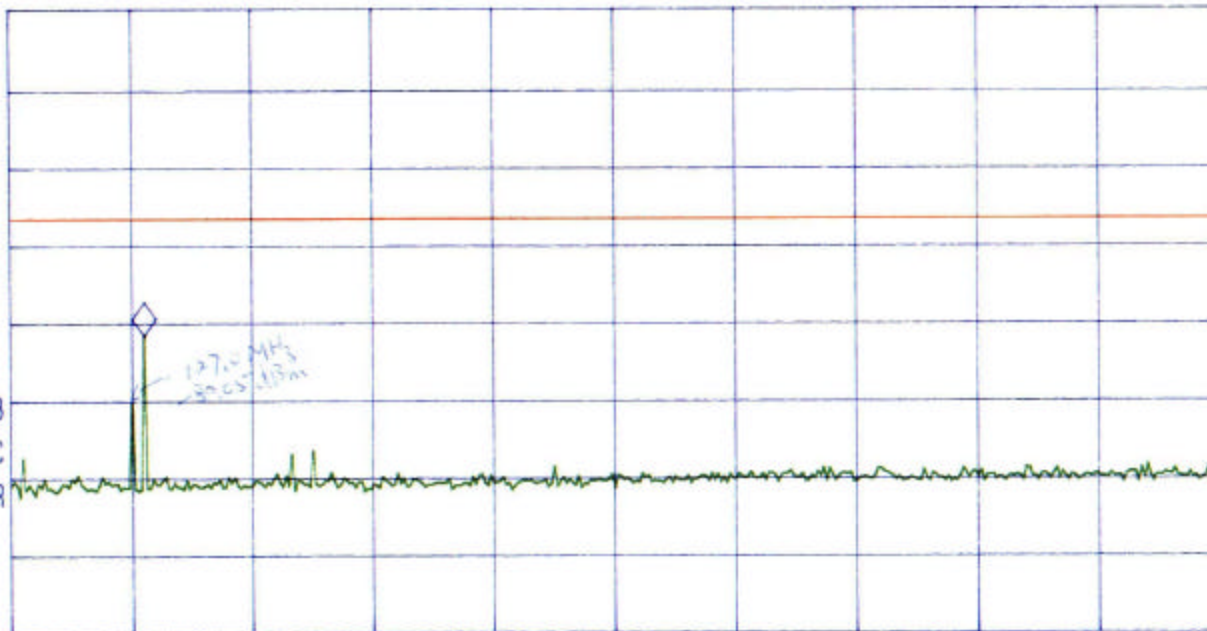
Date: Oct 18 2002
Tested By: Wayne
Plot 28

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 136.7 MHz
-71.88 dBm

LOG REF -30.0 dBm

10
dB/
#ATN
0 dB

VA SB
SC FC
CORR



START 30.0 MHz

#IF BW 100 kHz

AVG BW 30 kHz

STOP 1.0000 GHz

SWP 970 msec